

## Mouse Monoclonal Antibody to INHA (Inhibin alpha)

Catalogue Number	sAP-0084
Target Molecule	<b>Name:</b> INHA (Inhibin alpha) <b>Aliases:</b> INHA; inhibin, alpha <b>MW:</b> 40kDa <b>Entrez Gene ID:</b> 3623
Description	INHA (A-inhibin subunit precursor, inhibin alpha subunit ), also called inhibin (alpha) ,which is located on chromosome 2q33-q36. Inhibin is a gonadal protein that preferentially suppresses the secretion of pituitary follicle-stimulating hormone (FSH). Inhibin comprises of two subunits,Inhibin A and B. Inhibin has been shown to regulate gonadal stromal cell proliferation negatively and to have tumor suppressor activity. In addition, serum levels of inhibin have been shown to reflect the size of granulosa cell tumors and can therefore be used as a marker for primary as well as recurrent disease. In addition to their role in endocrine feedback in the reproductive system, inhibins subserve local regulatory roles in numerous extragonadal tissues, including brain, adrenal, bone marrow, placenta, and most notably anterior pituitary. Inhibin alpha
Immunogen	Purified recombinant fragment of human INHA expressed in E. Coli.
Recitative Species	Human;
Clone	MM4A2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Mayo, K.E., Cerelli, G.M., Spiess, J., et al. 1986. Proc. Natl. Acad. Sci. USA 83: 5849-5853. ; 2. GM LM, WF Crowley, Jr, AL Schneyer. 1995. J. Clin. Endocrinol. Metab., Oct . 80:3043-3049. ; 3. Knight, P.G. 1996. Front. Neuroendocrinol. 17: 476-509. ; 4.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**